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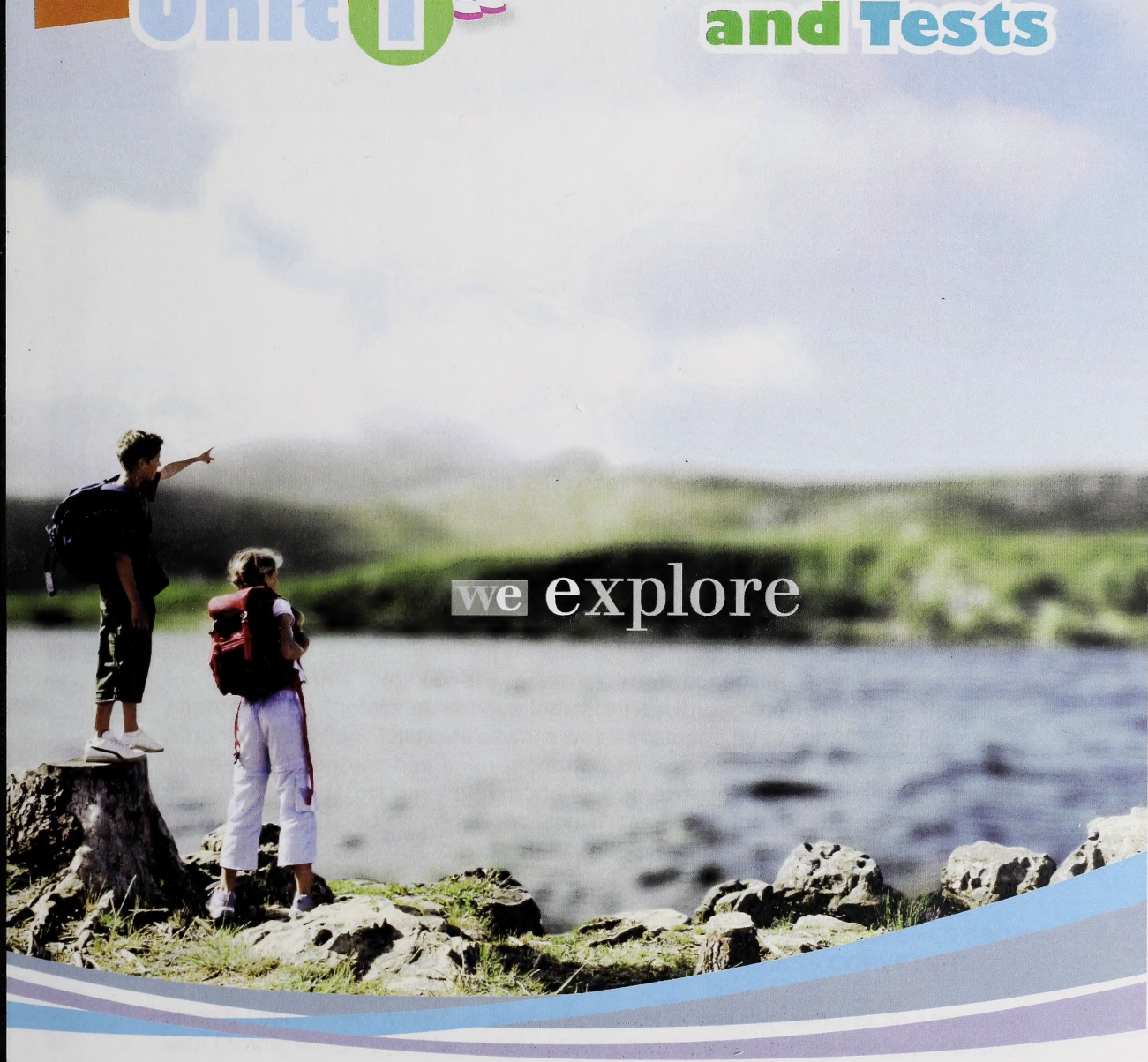
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Learn  veryWare

Math 6 Unit 1



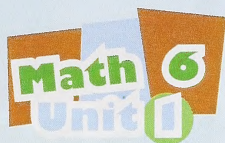
Quizzes and Tests



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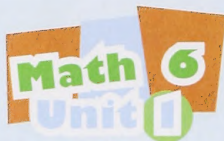
Math 6 Learn EveryWare – Unit 1 Quizzes & Tests
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Math 6 Unit 1

Quiz Lesson 1



Place Value

For 1 – 2: Write the value of the underlined digit.

1. 431 536 287

2. 267.809 5

For 3 – 5: Write the number in standard form.

3. $700\,000\,000 + 60\,000\,000 + 3\,000\,000 + 200\,000 + 5\,000 + 10 + 0.9 + 0.06$

4. $4\,000\,000\,000 + 20\,000\,000 + 1\,000\,000 + 0.5 + 0.006 + 0.000\,7$

5. twelve billion, three hundred forty million, one hundred fifty-four thousand

Math
Unit 1

6

Quiz
Lesson 2



**Problem
Solving with
Whole Numbers**

For 1 – 4: Solve the following. State the operation that you used.

1. Alyssa has 15 beads, Nina has 36 beads and Zach has 25 beads. How many beads do they have all together?

2. Cameron has 128 baseball cards. He wants to give the same number to each of his 3 friends and himself. How many will each of them get?

3. Lian has 61 purses. She gives Daksha 38 purses to donate to the woman's shelter. How many does Lian have left?

4. Nina has 36 peanuts. Cameron says he has four times as many peanuts as Nina. How many peanuts does Cameron have?

Math 6 Unit 1

Quiz Lesson 3



**Multiples of
Whole Numbers**

1. Choose the number that is NOT a multiple of 12.
A. 50 B. 60 C. 84 D. 108

2. Choose the number that is NOT a multiple of 8.
A. 64 B. 81 C. 96 D. 104

3. List the first eight multiples of 7.

4. List the first twelve multiples of 3.

5. Zach says that the number 81 is a multiple of 7 and a square number.
Which part of his statement is false and why?

Math
Unit

6

1

Quiz
Lesson 4



Factors of
Whole Numbers



Quiz

Lesson 4: Factors of Whole Numbers

1. Underline the factors in this equation: $3 \times 6 = 18$

For 2 – 5: List the factors of each of the following.

2. 30

3. 45

4. 90

5. 115

Math **6**
Unit 1

Quiz
Lesson 5



**Prime and
Composite Numbers**



QUIZ

Lesson 5: Prime and Composite Numbers

For 1 – 3: Write the factors of each number. Next, identify the number as prime or composite.

1. 41

2. 37

3. 54

For 4 – 5: Write the prime factorization of each number.

4. 28

5. 56

Math
Unit 1

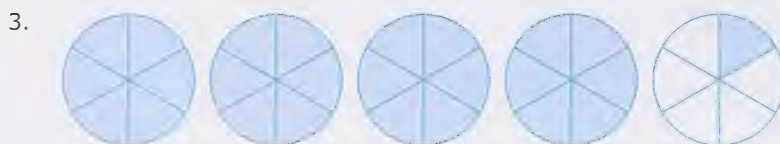
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Quiz
Lesson 6



**Modelling
Fractions**

For 1 – 3: Write the improper fraction and the mixed number for each picture.



4. Create a picture model for $\frac{5}{3}$.

5. Create a picture model for $2\frac{5}{6}$.

Math
Unit 1

6

Quiz
Lesson 7



Fraction
Relationships

For 1 – 2: Write the improper fraction and the mixed number for each letter on the number line.



1. A _____

2. B _____

3. Find the missing values in the table.

Number of Days	1	2	3	4	5	6	7	8
Plant growth (in cm)	$\frac{12}{10}$			$\frac{48}{10}$	$\frac{60}{10}$	$\frac{72}{10}$		

4. Write the improper fraction as a mixed number.

$$\frac{27}{5}$$

5. Write the mixed number as an improper fraction.

$$5\frac{3}{11}$$

Math
Unit 6

Quiz
Lesson 8



**Finding Patterns
in Tables**

For 1 – 3: Find the missing values in each table.

1.

Day	1	2	3	4	5	6	7	8
Money Earned	12.50		29.50		46.50	55.00		

2.

Year	1	2	3	4	5	6	7	8
Height (in cm)			133.85	138.65	143.45			

3.

Plates	1	2	3	4	5	6	7	8
Number of Oranges	$2\frac{1}{4}$	$4\frac{2}{4}$	$6\frac{3}{4}$					

4. Describe the pattern in Table 2.

5. Describe the pattern in Table 3.

Math **6**
Unit 1

Quiz
Lesson 9



**Multiplying
Decimals**



Quiz

Lesson 9: Multiplying Decimals

For 1 – 5: Multiply.

1. 3.45×9

2. $5 \times \$1.98$

3. 0.896×4

4. 8×5.76

5. $\$7.65 \times 3$

Math **6**
Unit 1

Quiz
Lesson 10



Dividing
Decimals



Quiz

Lesson 10: Dividing Decimals

For 1 – 5: Divide.

1. $38.4 \div 4$

2. $31.2 \div 6$

3. $0.2 \div 8$

4. $4.24 \div 8$

5. $29.4 \div 7$

Math **6**
Unit 1

Quiz
Lesson 11



**Multiplication
and Division
Problem Solving**



Quiz

Lesson 11: Multiplication and Division Problem Solving

1. Zach cuts a 3.72 m piece of lumber into 6 equal pieces. How long is each piece?
2. Cameron buys seven sweaters for \$25.95 each. How much does he spend?
3. Nina makes \$6.75 per hour babysitting. If the parents are late they pay her a \$15 bonus. On Friday night she babysat for 6 hours and the parents were late. How much did she make?
4. Alyssa and Daksha raised \$753 in 6 days by running a garage sale for charity. How much did they raise each day?

Math 6 Unit 1

Test

Lessons 1 - 11





Test: Lessons 1-11

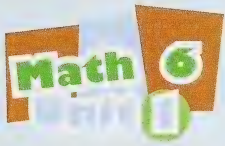
1. Write the value of the underlined digit: 431 536 287

For 2 – 3: Write the number in standard form.

2. $6\,000\,000\,000 + 200\,000\,000 + 4\,000\,000 + 0.1 + 0.09 + 0.000\,8$
3. four billion, two hundred fifty-three million, one hundred four thousand

For 4 – 6: Solve the following. State the operation that you used.

4. Cameron has 96 baseball cards. He wants to give the same number to each of his 3 friends and himself. How many will each of them get?
5. Lian has 48 bags of trail mix. She gives Zach 21 bags of trail mix. How many does Lian have left?



Test: Lessons 1-11

6. Nina has 248 peanuts. Cameron says he has four times as many peanuts as Nina. How many peanuts does Cameron have?

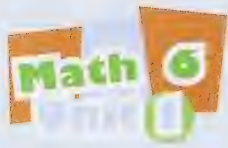
7. Write a number that is greater than 25 and a multiple of 4.

8. List the first eight multiples of 6.

9. Underline the factors in this equation: $7 \times 8 = 56$

For 10 – 12: Find the factors of each of the following.

10. 36



11. 54

12. 90

13. Circle the prime numbers in this list:

11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

14. Write a composite number and explain why it is composite.

For 15 – 16: Write the prime factorization of each number.

15. 27

16. 58

17. Create a picture model for $\frac{5}{4}$.

18. Create a picture model for $3\frac{2}{5}$.

For 19 – 20: Write the improper fraction and the mixed number for each letter on the number line.



19. **A** _____

20. **B** _____

21. Write the improper fraction $\frac{27}{4}$ as a mixed number.

22. Write the mixed number $4\frac{3}{7}$ as an improper fraction.

For 23 – 24: Find the missing values in each table.

23.

Day	1	2	3	4	5	6	7	8
Money Earned	18.40		39.40		60.40	70.90		

24.

Day	1	2	3	4	5	6	7
Distance in km	$2\frac{1}{3}$	3	$3\frac{2}{3}$				

For 25 – 33: Multiply or divide.

25. 2.45×9

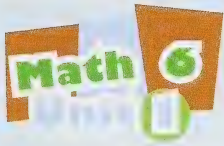
26. $5 \times \$1.78$

27. 0.846×4

28. $36.4 \div 4$

29. $91.2 \div 6$

30. $0.6 \div 8$



Test: Lessons 1-11

31. 7×5.76

32. $0.324 \div 6$

33. $\$6.15 \times 3$

34. Alyssa bought six pencils for \$0.45 each and two packs of paper for \$1.25 each. How much did she spend?



Test: Lessons 1-11

